

Name: _____ Class: _____ Due Date: _____

When solving the following problem, be sure to:

- 1) Restate the question
- 2) State your answer in a complete sentence.
- 3) List facts and important information
- 4) Explain your solution strategy and include your calculations/work.

POW Buying Cola

Chuck is buying some cola for his friends. He can go to the vending machine and get 12 oz. cans for \$.60 per can, he can go to the corner store and get 20 oz. bottles for \$.95 per bottle, or he can go to the grocery store and get 32 oz. jugs for \$1.45 per jug.

He has \$4.25 to spend.

1. At which place can he get the most cola?
2. Is this the best buy?

Bonus: If Chuck goes to more than one place, how can he get the most cola for his money?

Please answer the problem on a separate piece of paper. You must include all your calculations and an explanation of how you got your answer. Your paper will be scored in the following way:

- 4 The answer and the bonus are correct, you have included all your calculations, and the explanation is thorough and understandable.
- 3 The answer is correct, you have included all your calculations, and the explanation is complete and clear to the reader.
- 2 The answer is missing one of the items mentioned above.
- 1 The answer is incorrect, and the explanation or calculations are poor or missing.
- 0 Minimal or no effort was made to solve the problem.
- All late work is marked down a grade.